SERVICE BOOK

Gates and Wadleigh

EXCLUSIVE DISTRIBUTORS

STEEL AND WIRE · PAGE · QUALITY PRODUCTS

PAGE WIRE LINK PRODUCTS

Gates & Wadleigh

Distributors for

Page Steel & Wire Company

IRON AND WIRE FENCES

77 Summer Street
Boston, Mass.

Telephone
Beach 7318

Warehouse
Westboro, Mass.

A PERSONAL LETTER FROM MR. GATES.

My customers in their business dealings have realized that I always carried and recommended quality Fence, for years advocating the use of Rust-Proof Fencing, in preference to selling the lower market grades.

The result of this foresightedness is now extremely evident by the complete satisfaction of my customers over a term of years.

I am pleased to announce that all Page Wire Link Fabric and allied products are exclusively in our hands in New England Territory. It is without a doubt, the strongest and best wire fabric manufactured.

The Page Company controls the exclusive use of Armco Ingot Iron for wire products of all description, especially Fence. Armco Iron Fence is made of the purest iron, and by virtue of its extreme purity (99.84% pure) represents the very last word in rust resistance.

I offer you the full benefit of our wide experience and the many advantages of our unequalled facilities and look forward to an opportunity of serving you.

"Each Fence a Special Job".

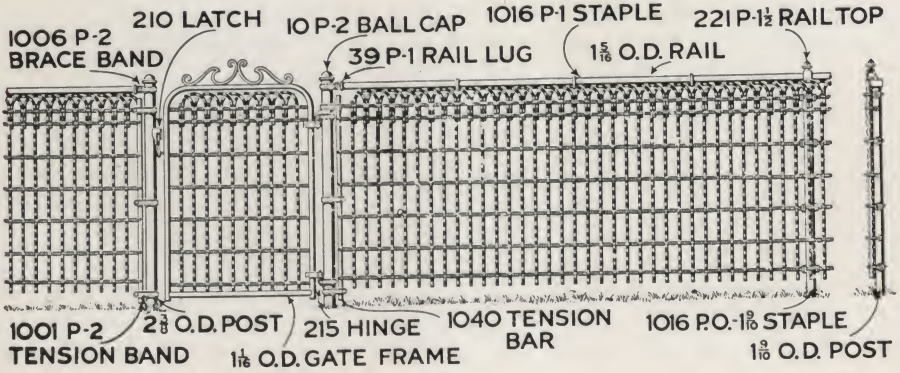
Very truly yours,

C. E. Gates

Our products include every type of fencing—from the highest type of protection fence, down to the most moderately priced farm fence.

We know and can advise the proper methods and specifications, because of our work over a period of fifteen years through a wide and varied number of installations.

Where maximum service at minimum cost is uppermost in mind in buying fence, our Economy style finds instant favor. It can be furnished without top rail if desired, thus effecting a proportionate saving in cost.



A Complete Economy Fence.

What We Sell You Besides Material

WHEN you look at a house and admire the excellence of its construction, you don't think so much of the amount of brick or lumber or metal that there is in it, as you do of the skill of the Architect and Builder who put these materials together in such a way as to form a finished product.

It is the same with a fence.

The layman sometimes looks at a fence as so many feet of wire fabric, so many posts—that must be put together to safeguard his property.

As a matter of fact, there is as much expert design, just as much careful and skillful installation required in a good fence, as there is in a good house. In reality the fence is a part of the property—and the very first part of the property that strikes your eye.

There is nothing so unpleasing to the practical eye, nothing that so instantly prejudices the observer against a piece of property as an unsatisfactory, poorly constructed fence. Beauty, pleasing appearance—in a fence—is partly a matter of the material that goes into it, and to a much greater extent a matter of the service behind the installation.

The prudent property owner no more thinks of entrusting the selection and erection of his fence to an inexperienced crew than he would entrust the erection of the building itself to untrained workers.

In selling you a fence, we furnish you with something far more important than fencing itself—we sell you a finished erected job.

Section of 9,000 foot Page Chain Link Fence at Arnold Arboretum, Forest Hills, Mass. ARMCO Iron used to resist rust. Steel would soon become useless from corrosion as shrubbery growth prohibits painting.

Page Fence at John J. Murphy Play Ground, Boston, Mass. Part of over 20,000 feet of Page Wire Link Fence installed around playgrounds in past ten years for Recreation Department, City of Boston.

Our Facilities for Unusual Fence Service

PERHAPS you have been in business for fifteen years or more. If so, you know that there is no substitute for experience in doing the best type of job.

It is our practice to maintain always a complete stock of all fencing materials necessary in every branch of the business. This is made possible by our warehousing facilities, that are the most complete of any in the district.

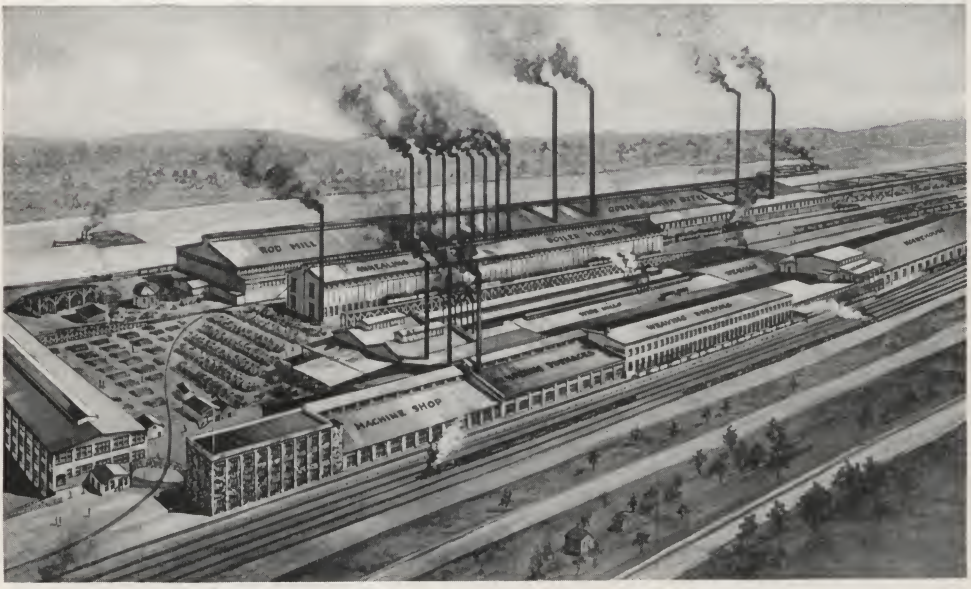
We have made it a point to include in our organization the most highly skilled and best trained fence men in the country. These men we call erecting foremen; and they have the peculiar ability that fits them to take charge of a gang of operators—our own men or yours (if you are in a position to furnish them)—and so direct the work of these men that you have the best possible finished job in the shortest possible time.

And when you figure that the cost to you of the finished fence must include, in very important measure, the cost of erecting it, you will understand at once, why efficiency of the erecting crew is a paramount consideration. In the last analysis you pay for inefficiency if it exists. And if the ability of the Fence Company that you employ results in speedier and more satisfactory construction, the saving goes into your own pocket.

Page Fence Products

For Industrial Plants
Public Institutions
Homes, Estates

PAGE Fence Products are manufactured by the Page Steel and Wire Company at their plants in Monessen, Pa., and Adrian, Mich. The general sales office of the Page Steel and Wire Company is in Bridgeport, Conn., and district sales offices are located in Chicago, New York, Pittsburgh, Portland, Ore., and San Francisco.



Monessen, Pa., mills of the Page Steel and Wire Company.

Page, the Pioneer (1883)

UP TO forty years ago no one had ever heard of a woven wire fence. Then the Page Steel and Wire Company placed its fence on the market. Each succeeding year has seen an increase in the demand for wire fences and woven wire products until today they are important economic factors throughout the world.

To pioneer an industry not only lends distinction, but imposes responsibility upon concerns and individuals alike.

This fact has always been recognized by the Page Company and during all these years it has done more than merely fabricate wire into finished articles—it has woven Quality into every wire product produced, with the result that Page Fences have always been the standard of perfection.

Today the users of Page Fences are legion and dot practically every country on the globe. And each succeeding day and year adds its full quota to this army of satisfied customers.

The reason is apparent. The old pioneer spirit still inspires the Page Organization. It continues to forge ahead in discovering new and better ways of building wire products.

Expert engineers, finest of materials made in its own wire mills, improved automatic machinery, experienced workmen and adequate resources enable the Page Steel and Wire Company to maintain its high standard of quality and deliver products that will continue, in the future as in the past, to add to the prestige of the Page Steel and Wire Company.

Page Wire Link Fabric

PAGE Wire-Link fabric represents the ultimate result of over a generation of experience. It is the adaptation, out of a score of Page fabrics for various needs, of the perfect weave for true protection.

Wire-fabric properly made is the ideal protective material. Used as an exterior fencing, it is practically unclimbable. It is proof alike against the petty thief or the more sinister marauder. Statisticians have calculated that the annual loss from theft in exposed plants, estates and public buildings will aggregate half a billion dollars.

For interior use in factories, warehouses and other structures, wire link fabric furnishes the ideal partition. Any portion of the floor space may be effectually segregated without the slightest obstruction to light, air or the general oversight of the management. It is vermin and fire proof, and practically indestructible.

A section of Page Wire Link fabric is shown below, half size. This construction gives maximum strength as the pull from stresses and strains of every nature is distributed equally along the different wires. Notice the neat twist and sharp barb. Fabric can be furnished with barbed top and bottom, barbed top and knuckled bottom, or knuckled top and bottom as desired.

It can be made in any mesh from ½-inch to 2 inches, and any size of wire from No. 6 to No. 14, inclusive.

Perhaps the most satisfactory weave for nearly all ordinary purposes is a combination of 2-inch mesh from No. 9 or No. 6 wire.

Page Wire Link fabric is all woven on Page looms and in Page factories, from wire rolled in Page mills. This assures a uniformity of excellence that is unattainable under ordinary conditions of manufacture. This fabric is the ultimate achievement of two generations of experiment and study.

The following pages illustrate in detail various forms of its use for fencing and other purposes.

Section of Page-Protection Fabric reproduced one-half size. This is No. 9 wire woven in 2″ mesh. Fabric of this size wire is also woven in 1½″ mesh.

Page Is the Only Fence Made of Armco Ingot Iron

PAGE-ARMCO Protection Fence stands in a class by itself. It is the only pure iron fence manufactured, and under like conditions will last two or three times as long as the best steel fence. To those who know what Armco Ingot Iron is, and the world-wide reputation of the Page Steel and Wire Company, it will be apparent that this fence represents the highest point obtainable in property protection.

Why Armco Ingot Iron Resists Rust

Pure iron resists rust.

Proof of this fact is found in countless instances where specimens of pure iron have been practically unaffected by centuries of exposure. Iron tools thousands of years old have been discovered by archaeologists in digging around the pyramids of Egypt. A pure iron pillar at Delhi, India, one of the marvels of ancient times, has been scarcely affected by seventeen centuries of corroding influences.

More recent demonstrations of the wonderful enduring quality of pure iron are to be found in our own country. An iron chain suspension bridge, erected at Newburyport, Mass., in 1798, withstood more than a hundred years of rain, snow, fog and salt air, and when the bridge was finally torn down in 1910 it was found that the iron chains were still as good as when new. The square wrought iron nails of our forefathers have outlasted three and four generations of modern steel wire nails.

In seeking to discover the reason why some metals lasted so much longer than others, scientists found that the metals which endured were practically pure iron. But the age-old examples of pure iron were largely accidental. The ore had been remarkably pure and the methods of refining, while wonderfully effective for producing small quantities, could not possibly be used in modern practice. Even the excellent results obtained by our forefathers could not be equalled commercially by modern mills with the usual processes.

It remained for the American Rolling Mill Company to find a way to make pure iron on a commercial scale. Their success in this quest marks one of the epochs in the history of iron and steel.

The first step was to learn the elements which in ordinary iron cause rust, corrosion and pitting. After countless laboratory experiments and analyses it was discovered that the basic cause of rust is the presence in the iron of foreign substances. These foreign substances, especially manganese, induce a destructive electrical action which turns the iron into rust. The next step, then, was to find out how to eliminate the foreign matter found in all iron ore and do it on a commercial scale. This the American Rolling Mill Company accomplished, after long study and painstaking effort by some of the most brilliant metallurgists in the industry. Methods were developed whereby it is possible to produce enormous qantities of iron of a purity which cannot be approached by the usual processes. Results which formerly were possible only in laboratories and by slow hand methods are now accomplished on a commercial scale.

Armco Ingot Iron is made only by the American Rolling Mill Company. This company furnishes billets to the Page Steel and Wire Company, which, in turn, is the exclusive manufacturer of wire products, including Fence, made of Armco Ingot Iron.

The letter and photograph reproduced on this page give striking testimony to the extraordinary rust-resistant qualities of Page Armco Fence. The tests made by the New York Zoological Society demonstrated conclusively the great durability of Armco Ingot Iron Fencing. These, and similar tests that have been made during the past fifteen years, are the best assurance to the purchaser that the slight additional cost for Armco Ingot Iron represents the greatest possible economy in the end.

Page Armco Protection Fence is made in following sizes and styles:

No. 9 wire woven in either 2″ or 1½″ mesh.

No. 6 wire woven in 2″ mesh.

Specify ARMCO where the last word in protection fencing is demanded.

New York Zoological Park

UNDER THE MANAGEMENT OF THE

NEW YORK ZOOLOGICAL SOCIETY.

185th St. & Southern Boulevard

WILLIAM T. HORNADAY, Sc. D., Director

New York, Aug. 5, 1919.

Page Steel & Wire Co.,
30 Church St.,
New York City.

Gentlemen:-

The photograph of wire link fabrics shown on attached print was made by Mr. E. R. Sanborn, Official Photographer, Bronx Zoological Park.

The wire fabrics shown in the photographs attached I, personally, fastened to the eaves of a building located in the Park on July 14, 1915, and they have been exposed constantly to all the atmospheric conditions outside of the building shown, up to August 4, 1919.

The sample on left hand was made of #12 guage "ARMCO" American Ingot Iron Wire, galvanized and oil treated and on August 4, 1919, showed nearly 100% perfect coating of galvanized surface remaining.

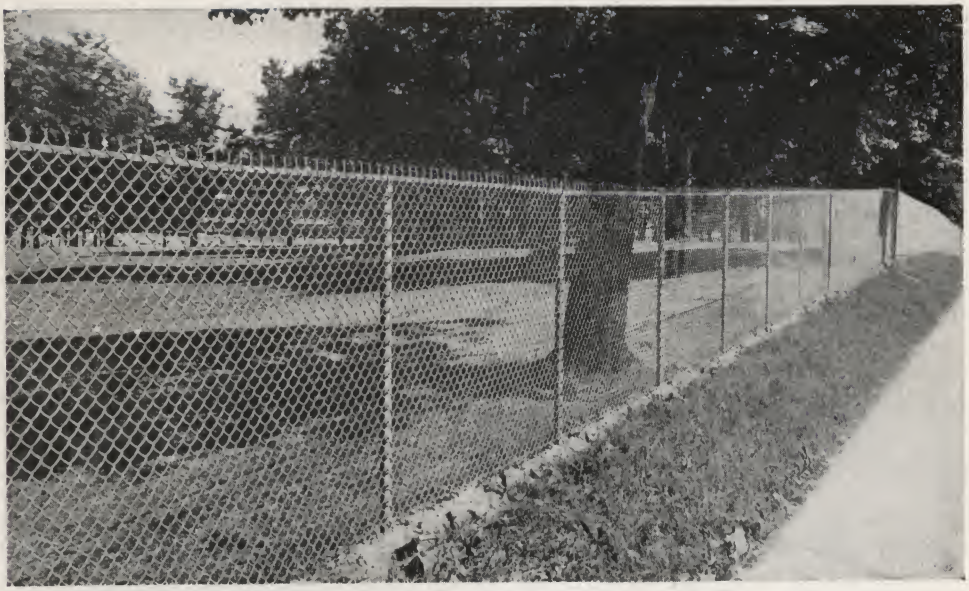
The fabric on right side of photograph was Commercial Grade Soft Steel Fabric, #12 guage, galvanized and oil treated and on August 4, 1919, showed the whole surface completely corroded and no trace of galvanizing left on same.

Signed Wm. de Willmott
Foreman of Machine Shop & Construct.

Approved Hornaday
Chief Forester & Constructor.

After four years' service Armco Ingot Iron remained in perfect condition — with strength and appearance unimpaired.

Under identical conditions for the same period, ordinary steel showed a broken, pitted surface—a decisive test.



Style O-TR Page-Protection Fence

BECAUSE of the extreme simplicity and neatness of design, this style is favored for parks, public institutions, estates and playgrounds.

The interlocking weave of the Page wire link mesh makes this fence non-climbable by reason of the fact that a foothold cannot be secured in the meshes. It is therefore a true protection fence. Also the barbed construction of the top selvage gives further security against intrusion.

It is a sturdy and durable fence, economical in first cost, and in ultimate cost as well.

This Page-Protection Fence presents a neat, attractive appearance and adds to the beauty of any property whether publicly or privately owned.

O-W Fence

THIS fence is used for the same purposes as O-TR, but costs somewhat less because of the elimination of the top rail, a coiled wire being substituted for the top rail.

Many installations of institutional fencing are of this type. The absence of the top rail intensifies the difficulty of surmounting the fence, either from the inside or without, though the effect is perhaps not quite so sightly as with the rail attached.

It is an admirable construction where adequate strength at minimum first cost is the primary consideration.

Page-Protection Fence Style O-TR Surrounding a School Yard

This photograph brings out clearly the substantial appearance and non-climbable features of Page Protection Fence. The barbed top of the fabric itself give added security against climbing and makes this style, O-TR, a favored construction for schools, where barbed wire is not desired. This fence is 6 feet high, of 2-inch mesh No. 9 wire.

Page-Protection Fence Style O-TR Around a School Property

Trespassers can quickly ruin running tracks, baseball fields and other school athletic grounds that must be maintained from public funds. A fence of this type effectually stops these losses. Made of No. 9 Page Wire Link fabric, 7 feet high with top rail, and barbed top fabric—this style of PAGE Protection Fence represents true protection.

Page Barbed Wire Fences Now Carry an Extension Arm of Rust-Resisting Armco Ingot Iron

IN keeping with the Page reputation as Fence Pioneers, the policy has been adopted of a standard "Armco" Arm for all Page Barbed Wire Protection Fences. This rust-resisting iron extension arm is another distinct step in advance for the industry. Because of the unmatched rust-resisting qualities of Armco Ingot Iron, the use of this Page Extension Arm assures many additional years of service.

Page Protection Fence Style 3-W.

The design of this new Extension Arm aims to give greatest possible strength and serviceability. The cap is of heavy malleable iron practically unbreakable and drives down over the post so that moisture is positively excluded. The manner of fastening the barbed wire to the arms is a distinct improvement over anything else on the market, the notches in the arm being so designed as to lock the wire in place.

Style 3-TR Page-Protection Fence

THIS is one of the most popular styles of Page Protection Fence, and with the extension arm carrying three strands of barbed wire, together with the barbed top selvage, it assures an unusually high degree of protection. It is unclimbable, and made of the finest materials, heavily galvanized.

This fence is also built without top rail, a coiled wire being substituted (style 3-W; see illustration at top of page).

Page-Protection Fence Style 3-TR Around a Swimming Pool

The photo is of the swimming pool at Klamm Park, Kansas City, Kan. The pool is in the shape of an oval, and illustrates how perfectly Page Fence conforms to curves. The fence is 7 ft. high of 2-in. mesh, No. 9 gauge Wire link, with all posts and fittings galvanized. Posts are 2½ in. diameter, spaced 10 ft. apart and set 3 ft. below grade into concrete.

Page-Protection Fence Style 3-TR Around a Factory

This is part of a 10,000 Ft. Factory Fence installation for the La Clede Christy Clay Products Company of St. Louis. The fence is Page Standard 3TR, 7 feet high over all, 2-inch mesh, No. 9 gauge. Standard 18-foot railway gate has disappearing center gate stop, which is a feature of all Page railroad gates. This installation shows how Page fence may be readily adapted to extremely rough terrain.

Style 5-TR Page-Protection Fence

THE installation shown above is part of about five miles of fencing guarding one of the plants of the Ford Motor Company.

Note that there are five barbed wires at the top, which makes it impossible for the prowler to climb over this fence. This type of arm is called for in Government standard specifications for fencing.

This type of fence, with posts set in concrete and top rail to give added strength, will last indefinitely.

Where maximum protection is desired, this is one of two styles of Page-Protection Fence that have proven popular under such service requirements.

Style 5-W

THIS is similar to the style 5-TR, except that the top rail has been eliminated and a coiled wire substituted. While not as rigid as where there is the additional bracing of the top rail, this style of fence makes a very desirable construction where economy in first cost is the paramount consideration. Also it gives the advantage that the absence of the top rail intensifies the difficulty of climbing either from inside or out.

Armco Rust-Resistant Arms for Page Fence

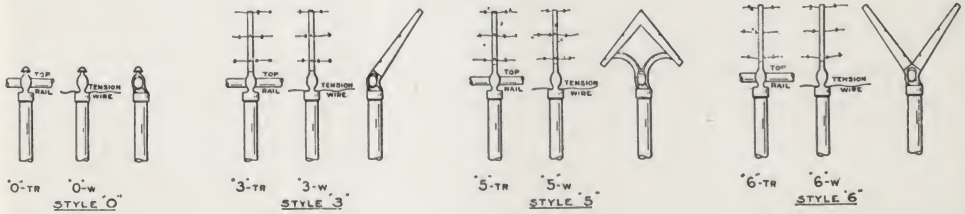
ALL Page Arms use the built-up feature, with strong malleable iron cap and Armco Rust-Resistant Arms. This gives a strength and resiliency unobtainable with an all-malleable arm.

All Page Arms are hot galvanized to give maximum protection against corroding influences. Where fences are painted, the arms are also painted over the galvanizing to conform with the finish of the structure.

Arm for Style 6-TR

This arm gives maximum protection. The barbed wire, extending on both sides from the fence line, makes practically an impassable barrier.

Summary of the Eight Chief Styles of Page-Protection Fence



1. Style O-TR —No barbed wire—using top rail.
2. Style O-W —No barbed wire—using tension wire.
3. Style 3-TR —Three strands of barbed wire—using top rail.
4. Style 3W —Three strands of barbed wire—using tension wire.
5. Style 5TR —Five strands of barbed wire—using top rail.
6. Style 5W —Five strands of barbed wire—using tension wire.
7. Style 6TR —Six strands of barbed wire—using top rail.
8. Style 6W —Six strands of barbed wire—using tension wire.

NOTE: Page Protection (Wire Link) Fence Fabric is always galvanized and oil coated. Concrete posts any height can be supplied in special cases. Same style barbed wire arms as for steel posts with top rail or tension wire.

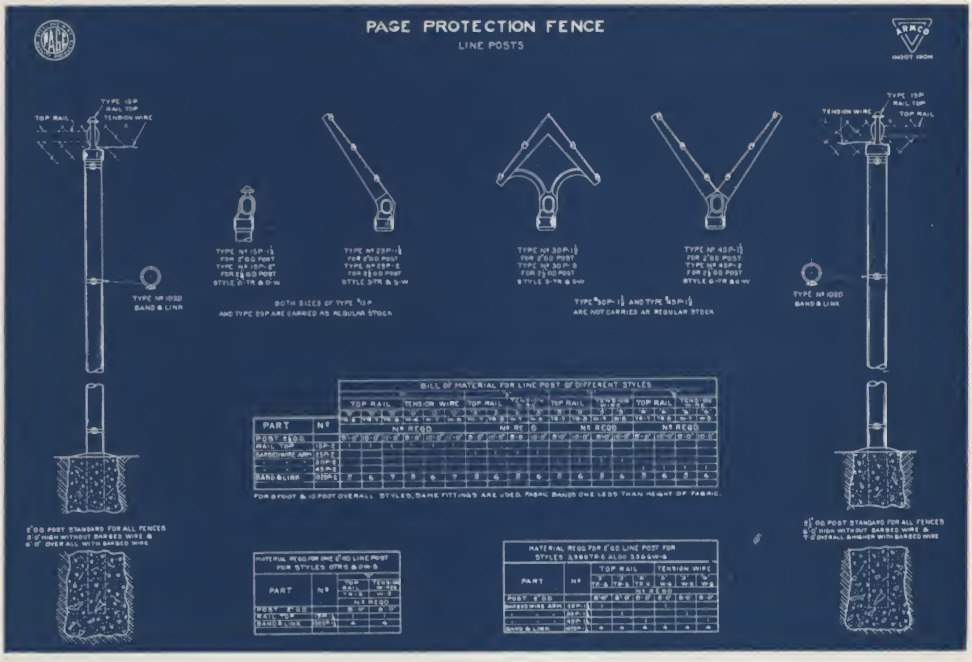
Page Metal Posts Use the Standard Tubular Steel Construction

THE tubular construction of Page Posts gives a resilience to the fence, which is highly necessary, and makes deformation extremely difficult.

Because of the great strength of Page Tubular Steel Posts, Page Protection Fence may be used, if desired, without arms or top rail. (See illustrations on pages 10, 12 and 14.) A heavy lateral wire through the fabric, top and bottom, prevents any possible tendency to sag, and the inherent strength of the tubular post holds the fence in perfect shape.

Page Tubular Posts are set in 3 feet or more of solid concrete—so they hold firmly whatever the soil. This also protects them from rusting below the ground level.

Page Tubular Posts combine the two essential qualities of a fence post, strength and resilience, to a higher degree than is obtainable by the use of any other cross section. The same engineering principle that makes the hollow shaft the most efficient distribution of metal for carrying the loads of machinery, makes the tubular post the natural construction for the modern protection fence.



PAGE PROTECTION FENCE

MISCELLANEOUS FITTINGS

ARMCO INGOT IRON

TYPE No. 130
LOCKING DEVICE

TYPE No. 120
GATE HINGE

TYPE No. 170
RAILROAD GATE STOP

TYPE No. 110
GATE LATCH

TYPE No. 1048
GATE STRIKE

TYPE No. 140
GATE KEEPER

TYPE No. 160
GATE STOP

TYPE No. 1028
EXPANSION SLEEVE COUPLING

TYPE No. 105
GATE HINGE

T. BY. No. 1016
TOP NOTCH STAPLE

TYPE No. 1006
BRACE BAND

TYPE No. 11
BALL CAP

TYPE No. 1001
TENSION BAND

TYPE No. 1039
HOOK BOLT

TYPE No. 15
RAIL TOP

TYPE No. 1047
AUXILIARY BRACE

TYPE No. 25
BARBED WIRE ARM

TYPE No. 1000
BRACE BAND

TYPE No. 1009
BRACE BAND

LIST OF MISCELLANEOUS FITTINGS

PART	No.	USED ON
BALL CAP	11P-1¼	GATE FRAME UPRIGHT POSTS
RAIL TOP	15CP	CONCRETE POST
BARBED ARM	25CP	CONCRETE POST
GATE HINGE	105C-B	CONCRETE POST
GATE LATCH	110P-2½	2½ O.D. LATCH POST FOR SINGLE GATES
GATE HINGE	120P-2½	ALL GATES SWINGING FROM 2½ O.D. POST
GATE HINGE	120P-3	ALL GATES SWINGING FROM 3 O.D. POST
GATE HINGE	120P-3½	ALL GATES SWINGING FROM 4 O.D. POST
LOCKING DEVICE	130	ALL DOUBLE GATES
GATE KEEPER	140	DOUBLE AND SINGLE GATES
GATE STOP	160	DOUBLE DRIVE GATES
GATE STOP	170	RAILROAD GATE SWINGING OVER TRACKS
TENSION BAND	1001P-1¼	ALL GATE FRAMES FOR TENSION BARS
BRACE BAND	1006P-1¼	ALL GATE FRAMES FOR BARBED WIRE
BRACE BAND	1000P-2½	INSIDE CORNERS OF 45° ANGLE
BRACE BAND	1009P-2½	INSIDE CORNERS OF 135° ANGLE
HOOK BOLT	1039	CONCRETE POST FOR TENSION BAR
TOP STAPLE	1016P04	ALL FENCE HAVING TOP RAIL
AUXILIARY BRACE	1047P-3½	GATE POST 4 O.D.
GATE STRIKE	1048P-2½	LATCH POST FOR SINGLE GATES
SLEEVE COUP	1028P-1¼	1¼ O.D. TOP RAIL

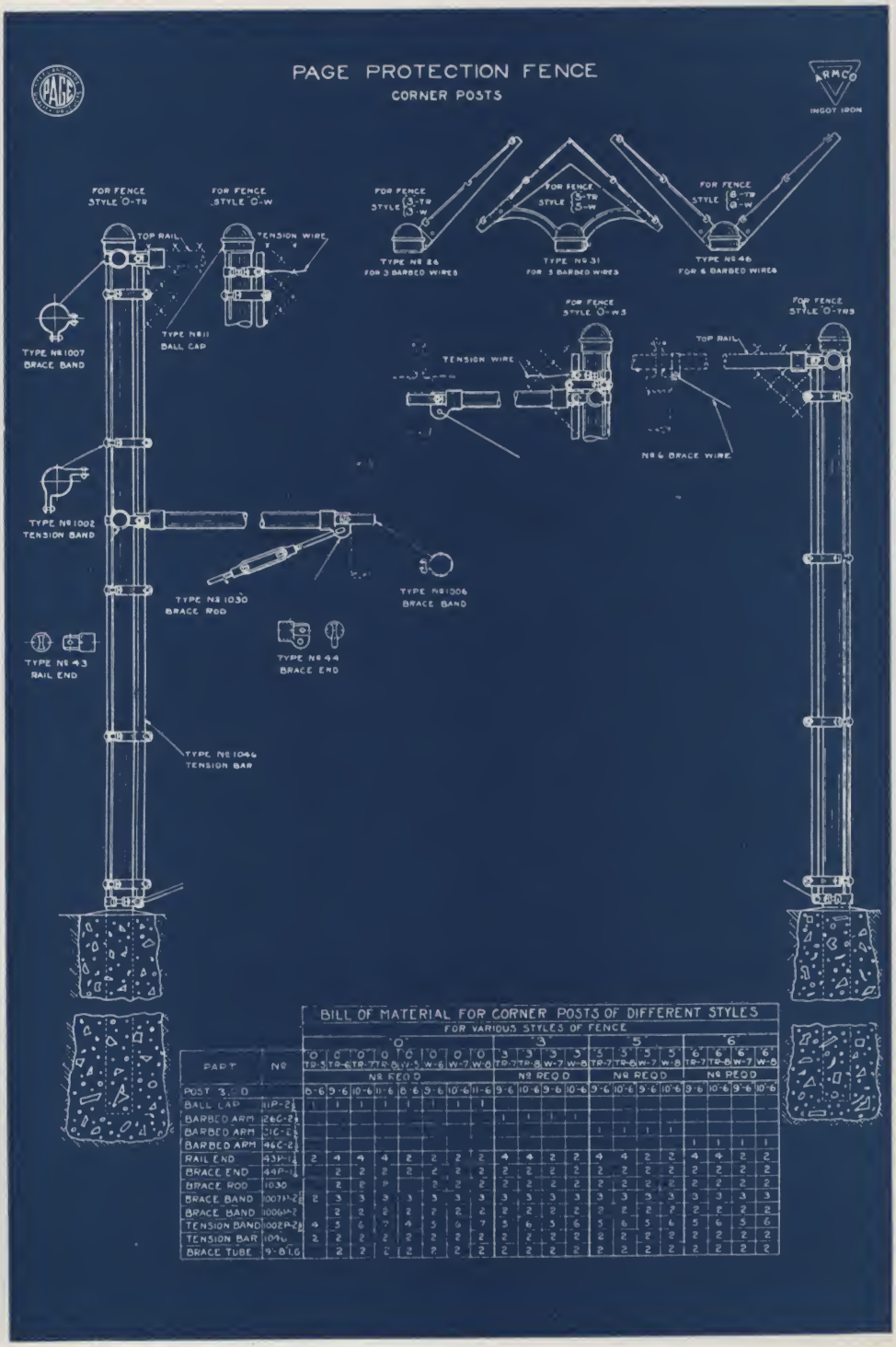
Concrete Posts

THE combination of Page Wire Link fabric with a proper design of concrete posts gives a protection fence of unusual strength and beauty.

From the standpoint of appearance, the concrete posts serve to set off the fabric in a very artistic way, and at the same time the use of the concrete gives a post which represents a lifetime investment, requiring absolutely no maintenance.

These concrete posts are properly reinforced with steel, and the perfection of the post itself is the result of a great deal of experimentation in the design of the forms and the mixing of the concrete. The length of time given to the seasoning of these posts is an important contributing factor to their satisfactory service. Concrete posts which are properly made and seasoned will last forever, with no deterioration, and consequently no upkeep expense.

The concrete posts used for Page Protection Fences are equipped with Armco Ingot Iron Staples for attaching the fabric. This is an insurance against corrosion of the supporting metal, a weakness that has often been noticeable in other makes of concrete posts. Concrete posts can be furnished by us in any size, and for any type of Page Protection Fencing described in this book.



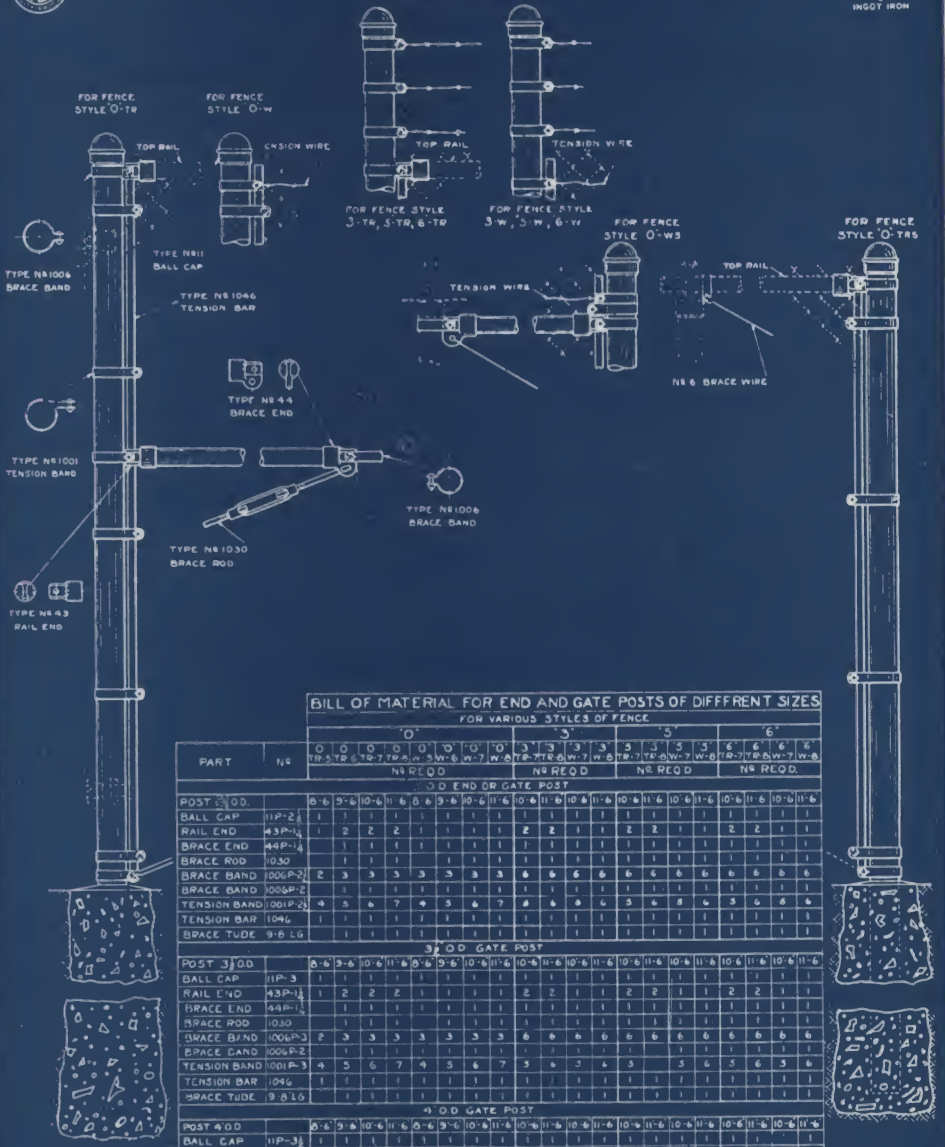
BILL OF MATERIAL FOR CORNER POSTS OF DIFFERENT STYLES

PART	Nº	FOR VARIOUS STYLES OF FENCE																					
		O TB-5	O TB-6	O TB-7	O TB-8	O W-6	O W-7	O W-8	3 TB-7	3 TB-8	3 W-7	3 W-8	5 TB-7	5 TB-8	5 W-7	5 W-8	6 TB-7	6 TB-8	6 W-7	6 W-8
		Nº REQ'D							Nº REQ'D				Nº REQ'D				Nº REQ'D			
POST 3.0 D		6-6	9-6	10-6	11-6	6-6	9-6	10-6	11-6	9-6	10-6	9-6	10-6	9-6	10-6	9-6	10-6	9-6	10-6	9-6	10-6	9-6	10-6
BALL CAP	811P-2	1	1	1	1	1	1	1	1	1													
BARBED ARM	26C-2										1	1	1	1									
BARBED ARM	31C-2														1	1	1	1					
BARBED ARM	46C-2																		1	1	1	1	
RAIL END	43P-2	2	4	4	4	2	2	2	2	4	4	2	2	4	4	2	2	4	4	2	2		
BRACE END	44P-2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
BRACE ROD	1030		2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
BRACE BAND	1007½-2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
BRACE BAND	1006½-2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
TENSION BAND	1002P-2	4	5	6	7	4	5	6	7	5	6	5	6	5	6	5	6	5	6	5	6		
TENSION BAR	1046	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
BRACE TUBE	9-8T.6		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		

PAGE PROTECTION FENCE

END AND GATE POSTS

INGOT IRON



BILL OF MATERIAL FOR END AND GATE POSTS OF DIFFFRENT SIZES

FOR VARIOUS STYLES OF FENCE

PART	Nº	'O'									3'				5'				6'			
		O TR-5	O TR-7	O TR-9	O TR-11	O W-5	O W-6	O W-7	O W-8	O W-9	3 TR-6	3 TR-7	3 W-6	3 W-7	5 TR-7	5 TR-9	5 W-6	5 W-7	6 TR-7	6 TR-9	6 W-7	6 W-8
		Nº REQD									Nº REQD				Nº REQD				Nº REQD.			
O.D END OR GATE POST																						
POST O.D.		8-6	9-6	10-6	11-6	8-6	9-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6
BALL CAP	11P-2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
RAIL END	43P-1½	1	2	2	2	1	1	1	1	1	2	2	1	1	2	2	1	1	2	2	1	1	1
BRACE END	44P-1½	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRACE ROD	1030	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRACE BAND	1006P-2½	2	3	3	3	3	3	3	3	3	6	6	6	6	6	6	6	6	6	6	6	6	6
BRACE BAND	1006P-2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TENSION BAND	1001P-2½	4	5	6	7	4	5	6	7	8	6	6	6	6	5	6	6	6	5	6	6	6	6
TENSION BAR	1046	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRACE TUBE	9-8 LG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3½ O.D GATE POST																							
POST 3½ O.D		8-6	9-6	10-6	11-6	8-6	9-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6
BALL CAP	11P-3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
RAIL END	43P-1½	1	2	2	2	1	1	1	1	1	2	2	1	1	2	2	1	1	2	2	1	1	1
BRACE END	44P-1½	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRACE ROD	1030	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRACE BAND	1006P-3½	2	3	3	3	3	3	3	3	3	6	6	6	6	6	6	6	6	6	6	6	6	6
BRACE BAND	1006P-2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TENSION BAND	1001P-3½	4	5	6	7	4	5	6	7	8	5	6	5	6	5	6	5	6	5	6	5	6	6
TENSION BAR	1046	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRACE TUBE	9-8 LG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4 O.D GATE POST																							
POST 4 O.D		8-6	9-6	10-6	11-6	8-6	9-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6	10-6	11-6
BALL CAP	11P-3½	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
RAIL END	43P-1½	1	2	2	2	1	1	1	1	1	2	2	1	1	2	2	1	1	2	2	1	1	1
BRACE END	44P-1½	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRACE ROD	1030	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRACE BAND	1006P-3½	2	3	3	3	3	3	3	3	3	6	6	6	6	6	6	6	6	6	6	6	6	6
BRACE BAND	1006P-2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TENSION BAND	1001P-3½	4	5	6	7	4	5	6	7	8	5	6	5	6	5	6	5	6	5	6	5	6	6
TENSION BAR	1046	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BRACE TUBE	9-8 LG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Page Gates

PERHAPS more trouble has been caused by poorly designed or improperly fitted gates than by any other single factor in outdoor enclosures.

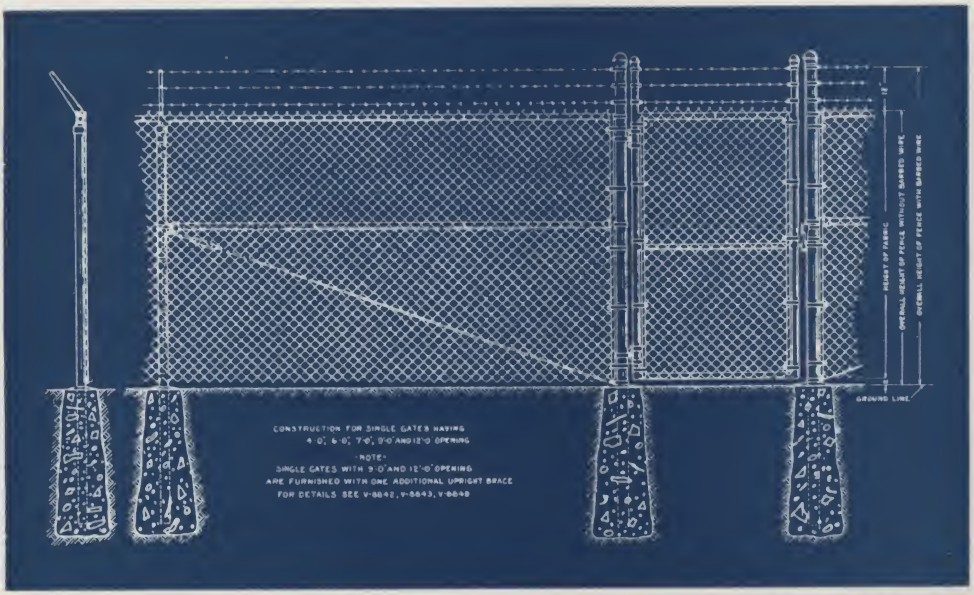
A poorly balanced gate, or one that is insufficiently braced, will soon sag out of true, leaving gaping holes between the gate proper and the fence. Such a gate, too, will soon become hard to open and shut.

It should be borne in mind that there is not, and cannot be, an all-purpose gate which will fit every need. The same principle may govern, but variations in width of span, fence contour and other factors make variation in design necessary.

Right here is where the long experience of the Page Engineering Department is of especial value. They have spent years in the development of the proper gate construction for all conditions. And every Page gate offered to the public has been thoroughly tested for the work it is supposed to perform.

Page gate construction embodies an added factor of strength wherever stress and strain are greatest. The tubular steel posts are much larger than in the ordinary gate, and the bracing is considerably heavier.

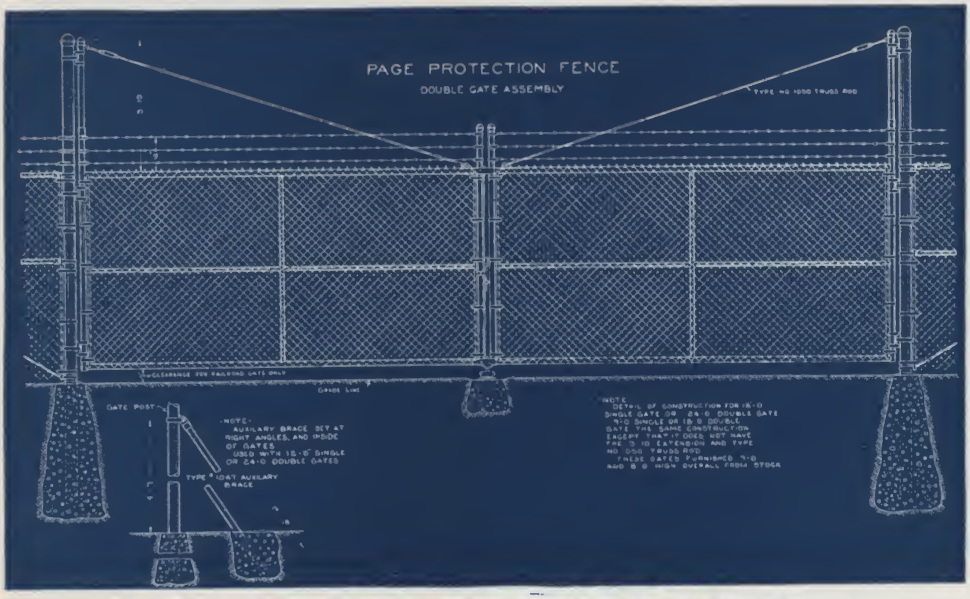
The frames are welded so that they will always maintain proper alignment. They cannot sag. Therefore, the fabric will always remain taut, and the gates will give satisfactory service for a long period of time.



Standard Page Double Drive Wagon Gates made in 12 ft., 14 ft., 18 ft. and 24 ft. widths.

Special offsets hinges allow the gates to open flat against the fence. Automatic keepers hold them open. 18 ft. to 24 ft. gates are supplied with special upright braces, the 24 ft. also have the overhead brace as shown below.

A non-freezing gate stop insures positive locking under all conditions. The improved locking device, operated by an eccentric lever, fastens at both top and bottom. The padlock is accessible from inside or outside—particularly valuable for railroad gates. Special gates are made for railway purposes. These have 3″ extra ground clearance to allow for clearing the track. Swinging gates wider than 24 ft. and sliding gates in all dimensions furnished to order.



Page 24 ft. Double Drive Wagon Gate Showing Overhead Bracing.

Specifications for Page-Protection Wire Link Fence

LIKE every other good engineering job, a good fence requires the adherence to rigid specifications, that cover every important detail.

A reputable fence company works according to fixed standards, which are drawn up for the protection of the purchaser, and any fence buyer who wants to be assured of the best possible erected job should make use of the following specifications, which are given for his own guidance and protection.

The distributors of Page Protection Fencing in every territory follow to the letter these specifications and recommend that you study them carefully so that you may know in advance that every element, no matter how small, that enters into the finished job, is completely covered and specified before any step is taken. This adherence to rigid specifications is characteristic of Page service. You have a right to expect any firm of fence engineers that you employ to adhere to equally high standards.

POSTS (Intermediate)	Tubular Steel Posts of either of the following sizes, 2″ outside diameter, weight 2.68 lbs. per foot for line posts for fence under 6 ft. high; or 2½″ outside diameter, weight 3.65 lbs. per foot for line posts for fence 7 ft. high over all or higher; spaced 10 ft. apart; to be set 3 ft. deep in concrete footings.
METHOD OF SECURING FABRIC TO POSTS, ETC. Type No. 1020 Band and Link	Fabric shall be secured to posts, etc., by means of special zinc alloy rustless bands, with hot galvanized steel lock links which lock securely against intermediate posts.
BARBED WIRE ARMS (For Intermediate Posts) Type No. 25—3 Wires Type No. 30—5 Wires Type No. 45—6 Wires	The pressed metal part shall be of Armco Ingot Iron (hot galvanized after fabricating) fitted with malleable iron cap. Three types of arms are made for three, five and six barbed wires respectively. The design of these arms allows the use of a top rail or tension wire.
POST TOPS General	All cast fittings made of Malleable Iron Galvanized and so constructed as to fit over and not into the posts, thereby excluding moisture.
ORNAMENTAL TOPS Type No. 15	Shall be used with fence where no barbed wire strands are specified. This top is designed for either top rail or tension wire.
END POSTS Type No. 11 Ball Cap	Shall be of Tubular Steel, 3″ outside diameter, weighing 5.73 lbs. per foot and fitted with ball cap. They shall be set 39″ deep into concrete footings.
Type No. 1001 Tension Band Type No. 1006 Brace Band	Unclimbable bevel-edged steel bands with bolts shall be used for holding fabric, barbed wire and for connecting fittings of top rail and braces.
Type No. 43 Rail End Type No. 44 Brace End	Horizontal brace shall be 1⅝″ outside diameter tubing with malleable end fittings.
Type No. 1030	Steel brace rods shall be fitted with malleable iron turnbuckles and set diagonally.
CORNER POSTS Type No. 11 Ball Cap Type No. 26—3 Wires Type No. 31—5 Wires Type No. 46—6 Wires	Shall be of Tubular Steel 3″ outside diameter, weighing 5.73 lbs. per ft. and fitted with ball cap, or when barbed wire is used, Armco Ingot Iron Arm similar to fitting used on Line Posts shall be supplied (hot galvanized after fabricating), secured to Malleable Iron Cap. Corner posts shall have two complete brace units and two-way fittings.
GATE POSTS	For single gates 4 and 6 ft. wide and double gates 8 and 12 ft. wide—the posts shall be tubular steel 3″ outside diameter, weighing 5.73 lbs. per ft.

For single gates 7 and 9 ft. wide and double gates 14 and 18 ft. wide—the posts shall be tubular steel 3½" outside diameter and weighing 7.53 lbs. per ft.

Type No. 1047 Auxiliary Brace

For single gates 12 ft. wide and double gates 24 ft. wide—the posts shall be tubular steel 4" outside diameter, weighing 9 lbs. per ft. and fitted with auxiliary brace.

Note:—All gate posts shall be fitted with malleable iron ball cap, other fittings and braces similar to those furnished with end posts.

For special Gates larger than 24 foot, posts shall be 4" outside diameter. and also have an auxiliary brace. Gate posts for sliding gates are included with complete sliding gate unit.

PAGE GATES (Allweld)

All gates shall be fitted with fabric to match fence. Frames shall be of tubular steel 1-9/10" outside diameter, with intermediate horizontal braces of tubular steel 1⅝" outside diameter. No fittings, bolts or rivets are used in assembling gate frames; all joints are welded to produce a gate to prevent sagging or twisting out of alignment.

HINGES
Type No. 120

Shall be of malleable iron of offset center type providing adjustment in any direction and permitting gate to swing back against fence.

LOCKING DEVICE
Type No. 130

For double gates shall be of malleable iron and steel. It shall secure gate at top, center and bottom and be so arranged as to permit locking by means of one padlock accessible from either side of gate.

CENTER STOP
Type No. 160 Gate Stop
Type No. 170 Gate Stop

For double gates shall be of malleable iron fitted with steel anchors for setting into concrete and so designed as to prevent clogging by dirt or snow. Type No. 160 shall be used for drive gates. Type No. 170 shall be used for railroad gates and shall be fitted with adjustable latch socket on hinged post, which can be lowered when not in use.

SINGLE GATE LATCH
Type No. 110
Type No. 1048 Gate Strike

Shall be of malleable iron and shall operate automatically by gravity. It shall be so arranged as to permit locking by means of one padlock accessible from either side of gate. Gate strikes shall be supplied for single gates when necessary.

GATE KEEPER
Type No. 140

Type No. 140 counterbalanced automatic gate keeper shall be furnished with drive and railroad gates and should be set in concrete.

SLIDING GATES

Shall be of welded frame construction and shall be equipped with roller bearing adjustable trucks, steel tracks, guides and bumper. Shall have latch which can be locked by padlock. Usual standard overhead clearance is 12 ft. for drive gates; 21½ ft. for railroad gates unless otherwise ordered.

TOP RAIL
Type No. 1028 Sleeve
Type No. 1006 Brace Band
Type No. 43—Rail End

Shall be 1⅝" diameter, in mill lengths (approximately 20 ft.) and shall be fitted with expansion sleeve couplings. This rail shall pass through intermediate post tops and shall be securely fastened to end, corner and gate posts by means of malleable iron fittings and steel bands.

TENSION WIRE

Shall be of No. 6 W. & M. Gauge Galvanized Spring Wire so coiled as to permit expansion and contraction, and shall be used where top rail is omitted.

BARBED WIRE

Hot Galvanized, shall be made of two No. 12 W. & M. Gauge Twisted Wires with 4 point barbs, spaced 3 inches apart, and secured to end and gate posts by steel bands.

FINISH (A)

When complete galvanized fence is specified, all frame work (which includes posts, top rail, braces, gate frames and all fittings) shall be heavily zinc coated by the hot galvanizing process.

(B)

All frame work (which includes posts, top rail, braces, gate frames and fittings), shall be dip-painted with special iron paint before shipment. Barbed wire arms are always galvanized; when specified coat of paint will be applied over galvanizing. Sufficient green paint shall also be furnished to give this frame work an additional coat.

Page Wire Link for Lawn Fence

THE old idea that lawn fence could not be at the same time an ornament and a protection has been disproved by the introduction of Page Wire Link Fabric.

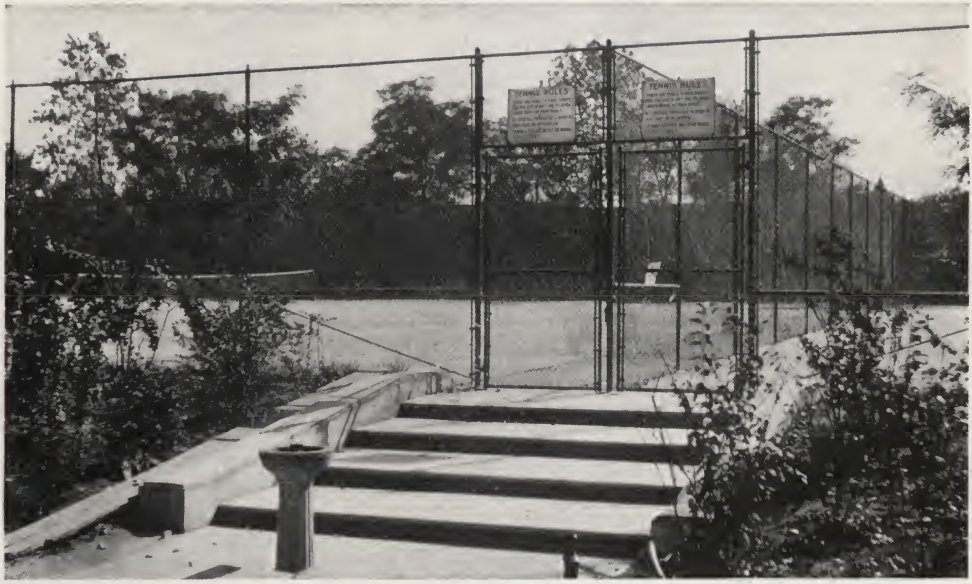
By the use of Page Protection Fence, with special ornamental posts and lawn gates, a fence is secured which is the equal in attractiveness of any of the old types of ornamental fence, and at the same time it assures a degree of protection equal to that offered by any of the other protection fences described in this book.

Such a fence not only increases the natural beauty of any property, but it adds to its value by giving positive assurance that the intrusion of prowlers will be made impossible.

Because of its fine appearance, strength, and unusual durability, together with its appreciable saving in cost, Page Wire Link Fence is fast replacing the old wire lawn fence for enclosures, where the utmost in appearance and protection is desired.

The fabric is 2″ or 1½″ mesh No. 9 wire, or 2″ No. 6 wire, heavily galvanized. Each picket is interlocked, thus preventing any spreading of the wires. The fence is a positive barrier to dogs, stray cats and chickens. It protects the children at play and keeps them away from traffic-crowded streets.

Page Protection Fence for lawns and gardens is supplied in heights of 36″, 42″, 48″ and 60″.



Page-Protection Tennis Court Enclosures

THIS shows a portion of the Page-Protection Tennis Court Enclosures erected in Hamilton Park, Chicago, Ill., by the Park Commissioners. This is one of the largest groups of park tennis courts in the country.

Page-Protection enclosures through years of satisfactory service have proven superior to every other type of enclosure for tennis courts, baseball backstops, etc. Officials directing the affairs of private clubs and public institutions are adopting the Page-Protection style of enclosure to the virtual exclusion of enclosures made of chicken wire or common wire netting.

The photo at the bottom of this page shows how admirably the Page design lends itself where desired to unique treatment of tennis-court and other enclosures.

Page Panel Partitions

MODERN business practice demands that losses of every sort be eliminated—losses due to petty thievery and wasted effort resulting from the unrestricted movements of employees.

Experience has demonstrated that the use of Page Panel Partitions is the best method for closing off Tool Rooms, Stock Rooms, Inspection or Partial Assembly departments, or wherever else it may be necessary to prevent free access to a portion of a floor or department.

Page Partitions reduce your insurance rate, since no matter how small the space screened off, no dark corners are formed for the collection of dirt and rubbish. The extra fire hazard created by the ordinary partition is thus abolished.

Page Partitions do not obstruct the light, and, therefore, your lighting expense is not increased; neither do they interfere with the view of whole floors or departments.

Page Panel Partitions permit of easy access to the departments which are thus divided off and protected. Sliding or swinging doors can be provided wherever needed. Unusually wide doors can be installed if desired, thus facilitating the use of either hand or electrically operated trucks.

The use of Page Protection Fabric for panel partitions gives an interlocking mesh that cannot be sprung apart, either by accident or ulterior intent. This is a vast step in advance over the old diamond mesh that can readily be separated, and so made valueless as a protection.

Page Standard Panels

The panels for Page Partitions are standard and interchangeable. The size of the standard panel is 4′ by 8′, and each panel is furnished with legs providing for clearance of three inches. All partitions are painted black. The frame is made of 1″x1½″x⅛″ steel panels, cross braced with ⅜″ round bars. The fabric used is Page Wire Link, made of No. 10 gauge heavily galvanized wire, woven in 1½″ mesh.

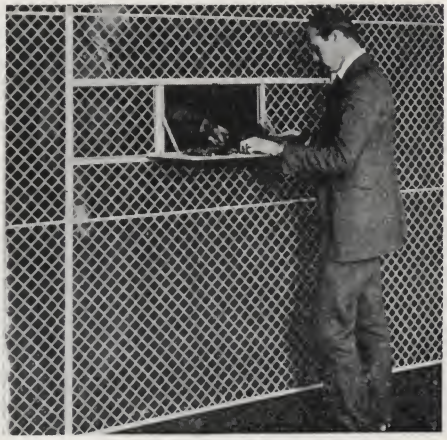
Doors and Fittings

The doors for Page Panel Partitions have also been standardized so that they are complete units, and are interchangeable with regular panels. Both swinging and sliding types of doors are used. The doors are of two standard sizes, 4′ and 8′ wide.

Page Partition Wickets

The wickets used for Page Partitions are 18″ wide by 11″ high, equipped with a steel plate shelf 12″ wide, hinged so that it can be raised and padlocked. The large size of wicket opening and shelf permit convenient handling of tools, supplies, etc.

Protection and **convenience** summarize the outstanding advantages of Page Standard Panel Partitions.



PART THREE

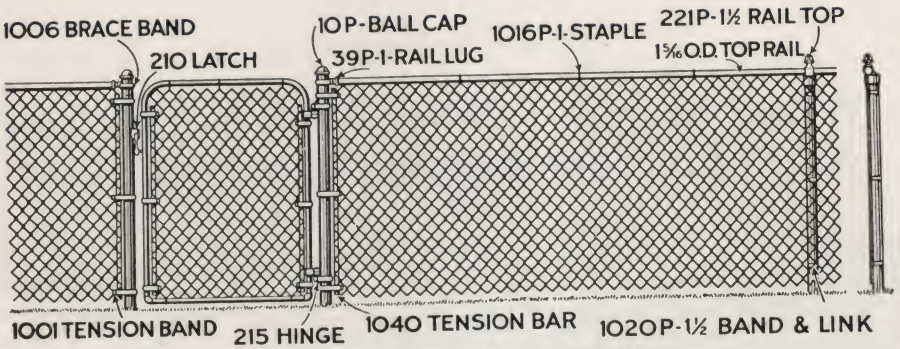
Wrought Iron Fences, Wire Specialties Steel Lockers, Playground Apparatus

Beautiful Permanent

Positive Protection

Our specialization in quality fencing, in both Iron and Wire, has each year enhanced our prestige and added to our increasing number of satisfied customers throughout New England. We are prepared to furnish expert service and advice on fence and estimates for all types of Ornamental Fencing and Entrance Gates.

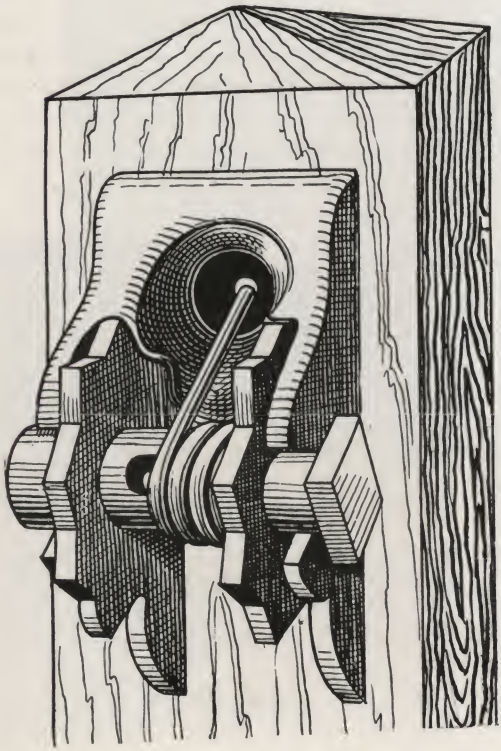
Each design is a product of the most highly developed skill built by an organization thoroughly equipped to give you the very best at a minimum cost.



RELIABLE FENCE WITH WIRE LINK FABRIC

Reliable Fence With Wire Link Fabric

There are many instances where a fence is required which combines the qualities of attractiveness and maximum protection. Page Wire Link makes up into a most attractive fence, one which will enhance the natural beauty of any property. Its several exclusive features make it possible to supply in this fence the protection desired.



Post-Hole Digger

recommended for use in all kinds of soil. Other makes will work only in clear digging. Will dig 3 ft. hole in 5 minutes.

Price $3.50 each.

Fence Stretcher

This stretcher is suitable for nearly all forms of fencing—it's powerful and complete.

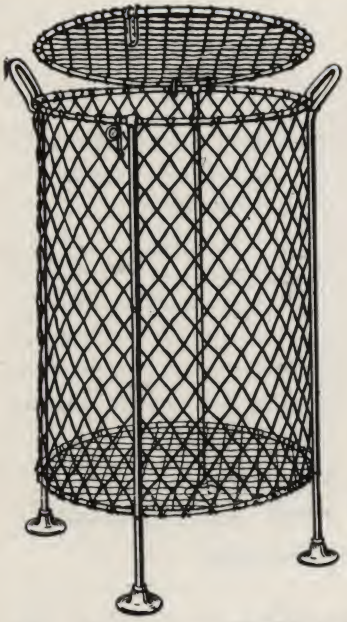
Steel Lockers

This steel locker possesses many points of superiority in design, construction and finish. Made of smooth steel with welded joints. Richly enameled. Multiple locking device operates with one turn of the key. Fire and theft proof. Doors will not bend or buckle. Sanitary base—adjustable legs. Made in standard units—adaptable to any condition; easily installed. Pay for themselves in the time they save.

Playground and Gymnasium Apparatus

Our experience in filling the needs of the playgrounds and gymnasiums makes it possible for us to specify the correct apparatus for every type and size of installation. Our standard apparatus includes Flying Rings, Flexible Ladders, Climbing Poles, Swings, Horizontal Bars, Vaulting Horses, Parallel Bars, Spring Boards, Striking Bags—and other apparatus that is essential to the welfare of men and women and growing children. We contract to plan, lay out and supply every need—our installations are based on practical experience.

Architects, Builders, School Committees, College Authorities, Club Executives and others contemplating such installations will not err in consulting us. Our service will be rendered in a spirit of full co-operation.



Chain Link Rubbish Burner

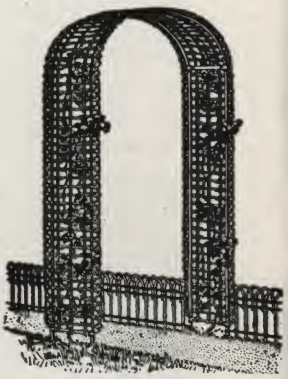
Our Chain Link Rubbish Burner is unexcelled. Mesh cannot be spread apart. It is the most durable and long lived Burner on the market.

Full Arch Vine Trellis

4′0″x7′0″

Framework consists of 2 galvanized iron pipe supports with ends projected to go into ground.

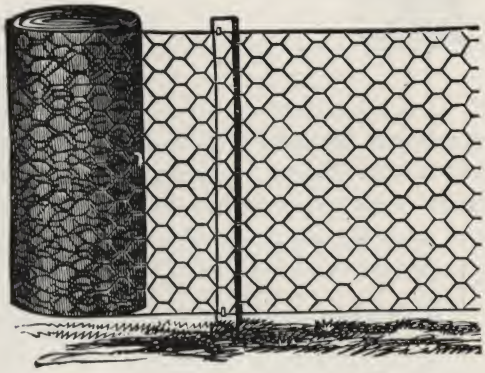
Width of fabric, inches, 18, 24 and 30.



We Carry a Full Line of Nettings

Send for General List

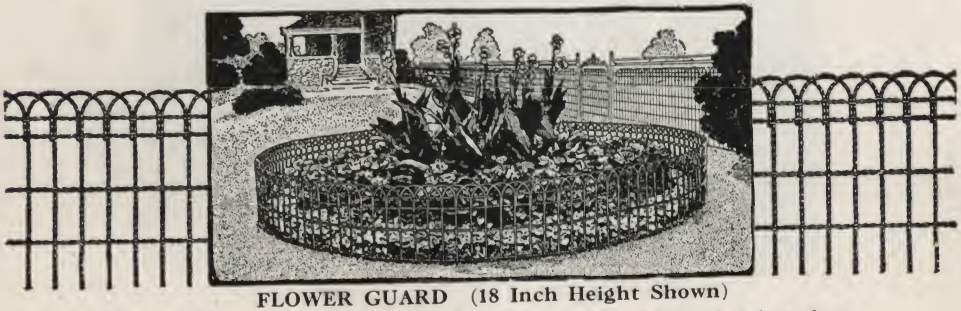
This small mesh fence is specially adapted for lawns, division fences, etc., difficult to climb, keeps in fowls and small animals, offers but little obstruction to view. Each wire has 350 lbs. tensile strength. Thoroughly galvanized, rust proof, will last a lifetime. Put up in rolls 150 ft. long.



Price per square foot, full rolls.....3 cents

We do not cut rolls.

Width carried in stock, 12, 18, 24, 30, 36, 42, 48, 60 and 72 inches.



FLOWER GUARD (18 Inch Height Shown)

Flower Guards furnished in heights of 12, 18 and 24 inches.

GATES AND WADLEIGH
77 SUMMER ST. BOSTON, MASS.